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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

COUNTRY USSR

DATE DISTR. 3 Jul 51

SUBJECT Meteorological Facilities at Kharkov Airfield

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PLACE
ACQUIRENO. OF ENCLS.
(LISTED BELOW)DATE
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REPORT NO.

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DATE OF

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Kharkov had all the facilities of a first-order station except the actinometer. It took regular radiosonde soundings, meteorograph flights, and pibals using two theodolites. A base line of one and one-half to two kilometers was used, and the balloon released from one end of this base line. An Assmann psychrometer was used. Most of the instruments used were manufactured in Germany.

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The facilities at Kharkov were standard equipment for first-order stations. At the second-order stations the pibal was taken with one theodolite, and ordinarily there were no radiosondes or meteorographs. With these exceptions the facilities were the same, in first and second order stations, but the smaller airports did not have as good nor as much equipment. [redacted] one airport [redacted] did not have electric lights.

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3.

Weather was a limiting factor. The airfield was closed when there was fog

The minimum ceiling for landings was one hundred meters and for take-offs 50 meters. When the ceiling at the airport was low, a ceiling balloon was released every 15 minutes to obtain a ceiling measurement. If a pilot started to pick up ice, he was required to return to the station from which he had taken off.

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